Reference Manual

For

Diamond and Stone Inventory

Version 2.0

Diaspark Inc.
200, Metroplex Drive
Suit 401,
Edison,
NJ 08820
Web: www.diaspark.com

Release Notice

Author	DeeptiKhurana
Reviewed By	Purva Telang, Jatin Jain
Approved By	
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1 Overview

This document aims at providing a functional overview and the usage of the Routing Process in **Jewel ERP Software.**

The document provides user with the specific instructions that will be needed to use Diamond & Stone Inventory module. This guide introduces the basic features of Diamond & Stone Inventory module and describes each menu option in detail.

1.1 Intended Audience

This document is intended for the users of Jewel ERP.

2 Diaspark Jewel : Diamond & Stone Inventory Module

Inventory module keeps track of the diamonds and stone that are received and issued by user.
For efficiently managing the processes involved in Inventory Management, diamonds and stones can be categorized, so as the common attributes can be grouped together in one category. User can also edit this information at the time of recording the information.

Various Transactions involved in Inventory Module helps in creating purchase receipts, Sales return, Issues for Sales made or Purchase return and making Transfer entries for transfer of goods from one business unit to another or from one department to another. Transfer is one of the vital functional transactions of Diaspark Jewel.
Diaspark Jewel helps user in keeping inventory cost at the minimum and helps in optimizing inventory levels. Inventory reports can be used to find out details of receipts, issues, transfer entries and adjustments made.
User can also use these reports to check how many items have stock less than reorder level and accordingly place the order for the same.

Highlights

- Provision for allocating multiple vendors for an item.
- Inventory Transactions consists of various procedures that you undertake for tracking your sales and purchases.

- Apart from recording details of sales and purchases, the inventory procedures include transfers and adjustments for receipts and issue of items.

- A Receipt will be created when items are purchased or received from the customer as sales return or if receive stock from another business unit of the same company.

- You create an Issue when sell items or send items back to the vendor in purchase return or if send stock to another business unit of your own company.

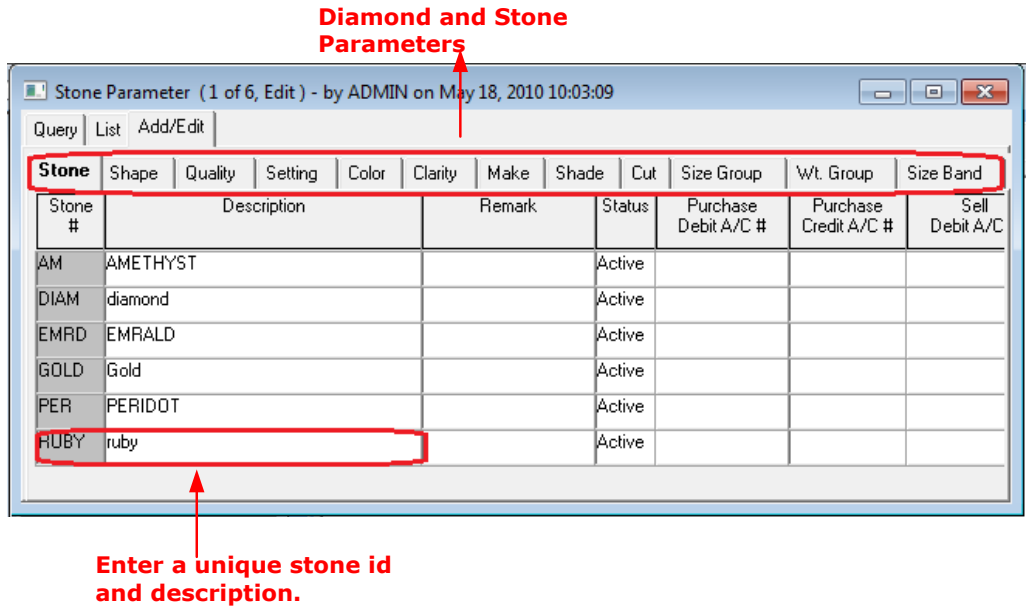
- Adjustment entries that involve both Issues as well as Receipts can be made with the help of the *Transfer*.

3 Setups

The Diamond & Stone Inventory Setup allows user to set up stone parameters, lot master, stone set category etc. These setups are used to record transactions in the Diamond & Stone Inventory module like receipts, transfers, issue, physical inventory, packet assignment, diamond set create etc.

3.1 Stone Parameter

Parameters can be set for the stones that are to be kept in stock. This has 12 parameters in different tabs namely Stone, Shape, Quality, Setting, Color, Clarity, Make, Shade, Cut, Size Group, Wt. Group and Size Band . To open stone parameter window, click on Module → Diamond & Stone Inventory → Setup → Stone Parameter.

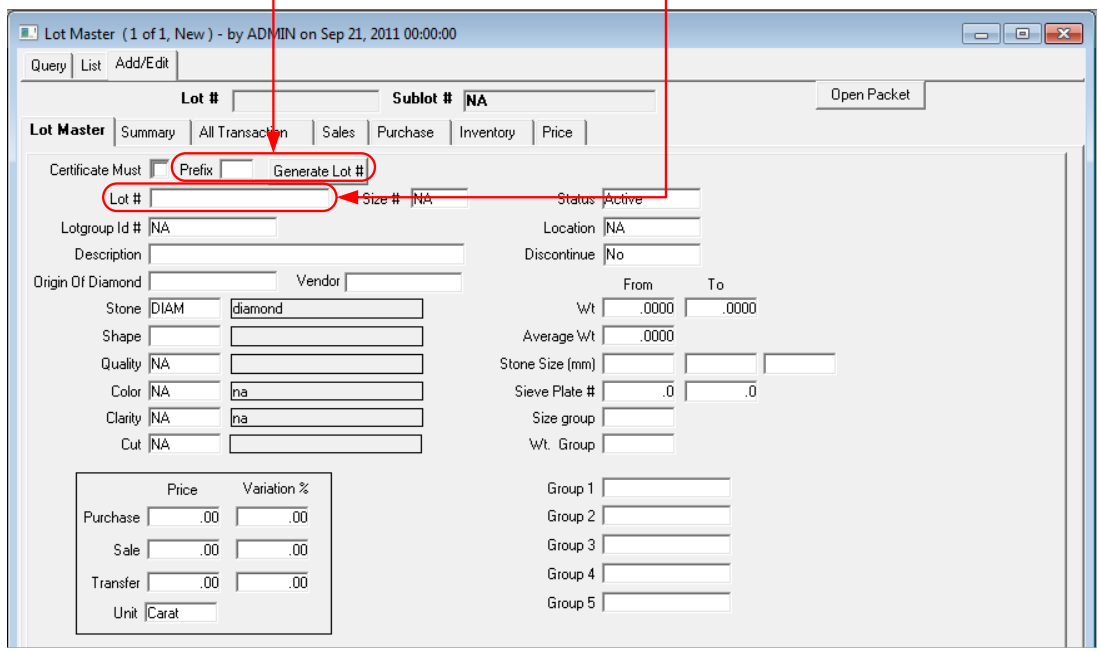


3.2 Stone Lot Master

The stones that have similar shape and quality are put together in a particular group called lot. Each lot is provided with a unique id or code. Lot Master setup helps users to define different lots of diamond/stone received by the diamond department. At the lot master user can also set price up to ten price levels.
Here we can view all the transaction relating to the Lot # at one place & can navigate to the desired transaction through drilldown.
If Lot is certified then on saving the Lot a Packet will be generated automatically. You can view the Packet by clicking on the Open Packet Button
To navigate to Lot Master, click on Module → Diamond & Stone Inventory → Setup → Stone Lot Master.

Enter a Prefix and click on Generate Lot button.
This will auto generate a Lot id , a sequential lot id with the prefix will be allotted.

Enter a unique Lot id.



3.3 Stone Packet

In this option packets are created containing certified stones. Stone packet contains details about the characteristics of each unique packet like clarity, color, shape, cut, polish, symmetry, fluorescence, lot and sub lots used, along with details of certificates issue from the laboratory. We can have a maximum of 2 Labs & Certificate # for a Packet. We can also attach the Certificate File here & can view it at any point of time.

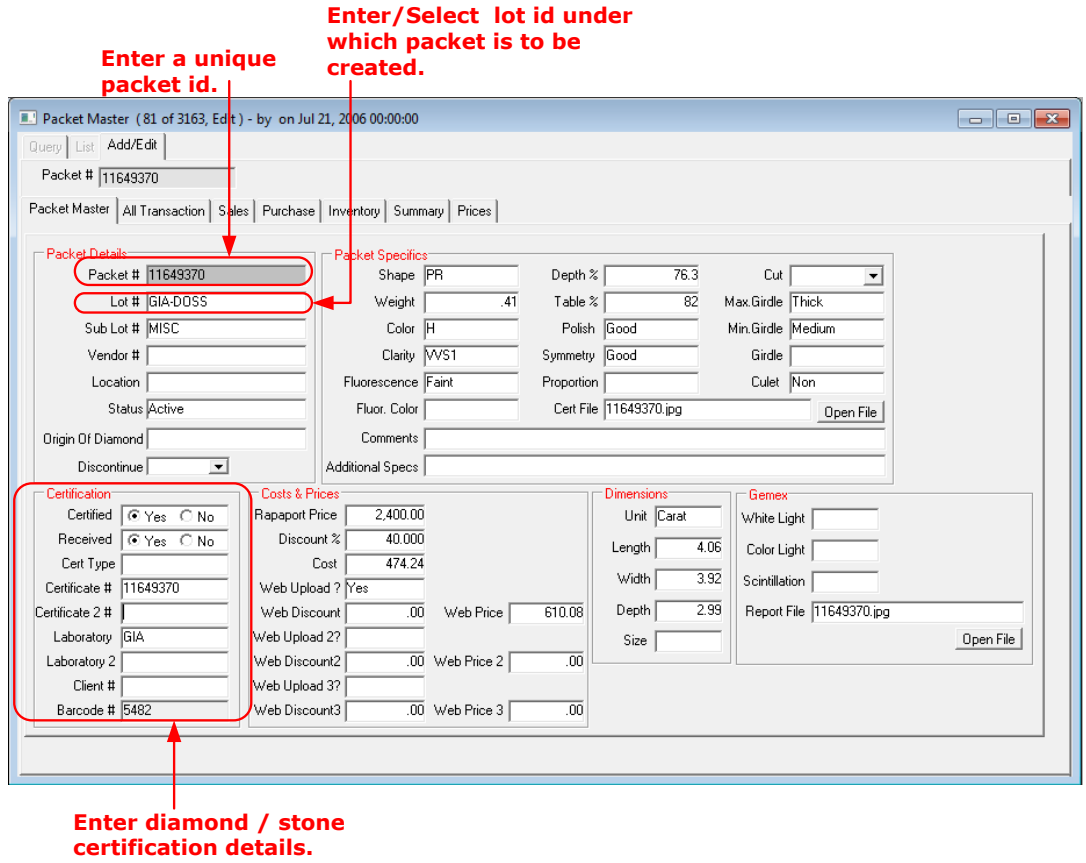
If there is only one Packet against the Lot assigned to the Packet then that Lot will get updated with the changes on the Packet Master like Price, color, clarity.

Here we can define 10 Price levels for a Packet & these Price will come on the Diamond Transaction (Sales, Purchase) accordingly.

We can view all the transaction relating to the Lot # at one place & can navigate to the desired transaction through drilldown.

Also we can define 3 Web prices with web discounts.

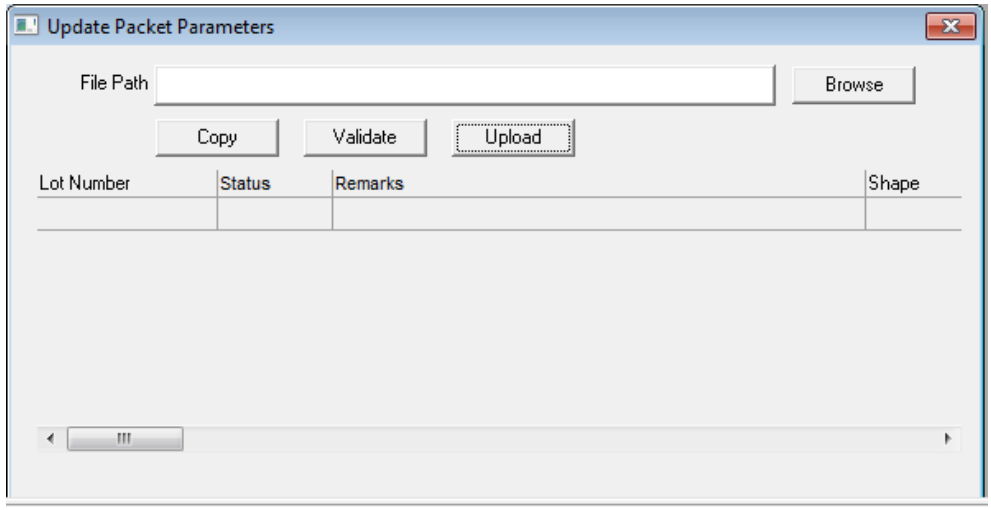
To open Stone Packet setup, click on Module → Diamond & Stone Inventory → Setup → Stone Packet.



3.4 Stone Packet Parameter Update

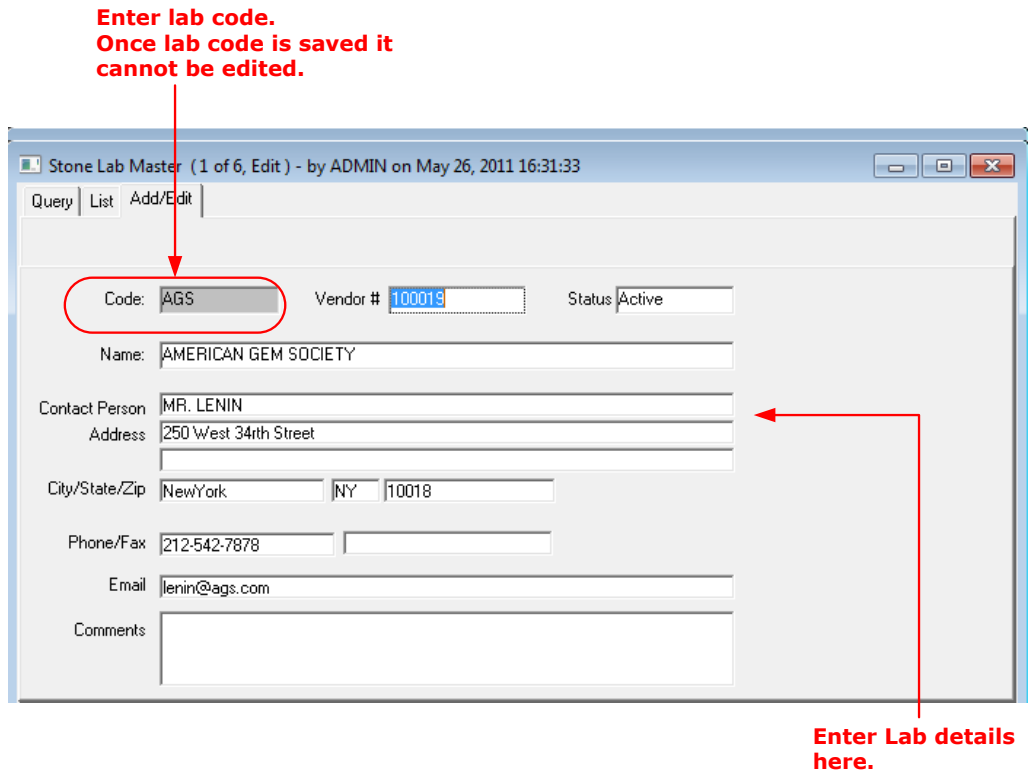
You can update parameter details of stone packet through this option. The updated details will be applied to all the ~~lots under that~~ packet. This helps user to update consolidated details of Packets.
User can update the details by uploading an excel sheet containing the parameters.

To update packet parameter details, click on Module→ Diamond & Stone Inventory→ Setup→ Stone Packet Parameter Update.



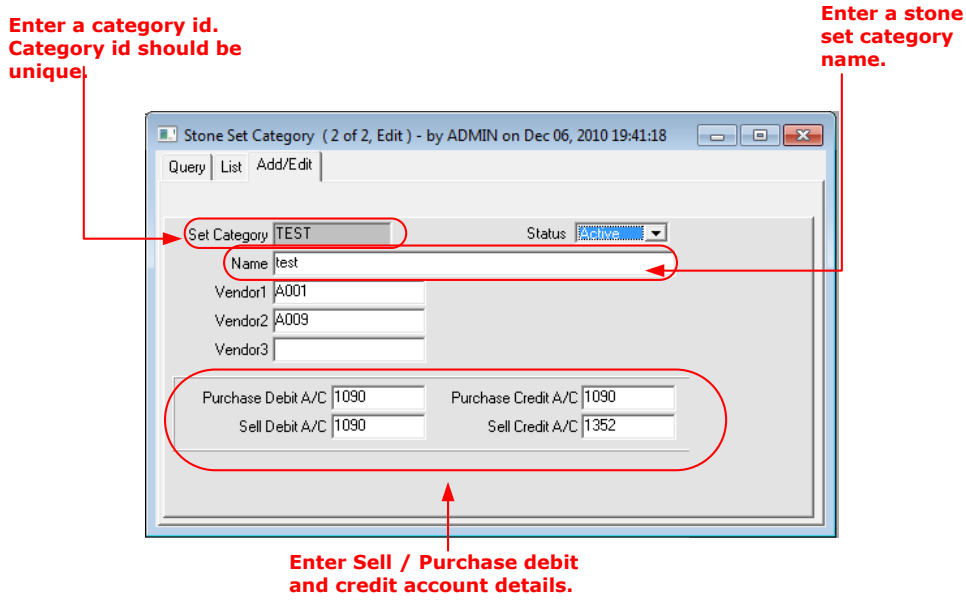
3.5 Lab Setup

Lab setup allows user to enter, modify and view information of various laboratories at which stones are sent for testing purpose. To open Lab setup window, click on Module → Diamond & Stone Inventory → Setup → Lab Setup.



3.6 Stone Set Category

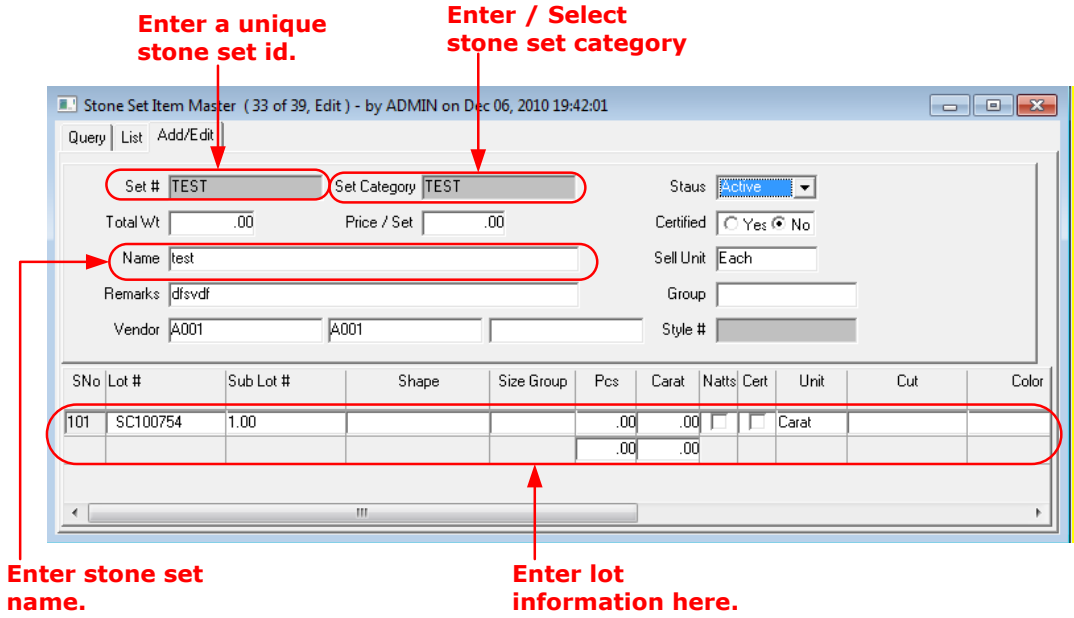
With the help of this setup screen user can define categories for stone sets. Stone sets of similar properties can be categorized. To open Stone Set Category window, click on Module → Diamond & Stone Inventory → Setup → Stone Set Category.


Enter a category id. Category id should be unique.
Enter a stone set category name.
Stone Set Category (2 of 2, Edit) - by ADMIN on Dec 06, 2010 19:41:18
Query
List
Add/Edit
Set Category TEST
Status Active
Name test
Vendor1 A001
Vendor2 A009
Vendor3
Purchase Debit A/C 1090
Purchase Credit A/C 1090
Sell Debit A/C 1090
Sell Credit A/C 1352
Enter Sell / Purchase debit and credit account details.

3.7 Stone Set

At the stone set screen, you can add information about the stone sets i.e. stone set id, category, price, its lot no., vendor, certification etc.

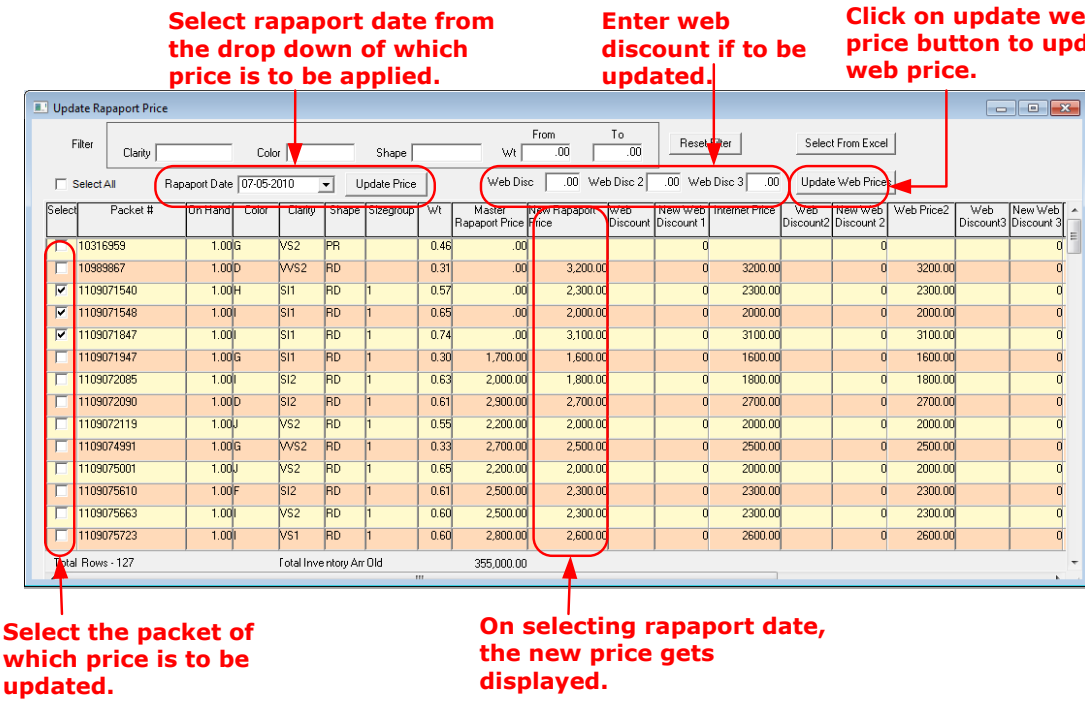
To enter stone set information, go to Module→ Diamond and Stone Inventory→ Setup→ Stone Set.



3.8 Update Rapaport Price

This feature helps you to update Rapaport price. Price for the selected packets can be updated at a time. Here we can see the old Rapaport price & the new price then we can select which Packet needs to be updated. Through this screen we can also update the Web Prices & Web Discounts either by Uploading through Excel or by entering manually on the screen.

To update Rapaport price, click on Module→ Diamond and Stone Inventory→ Setup→ Update Rapaport Price.

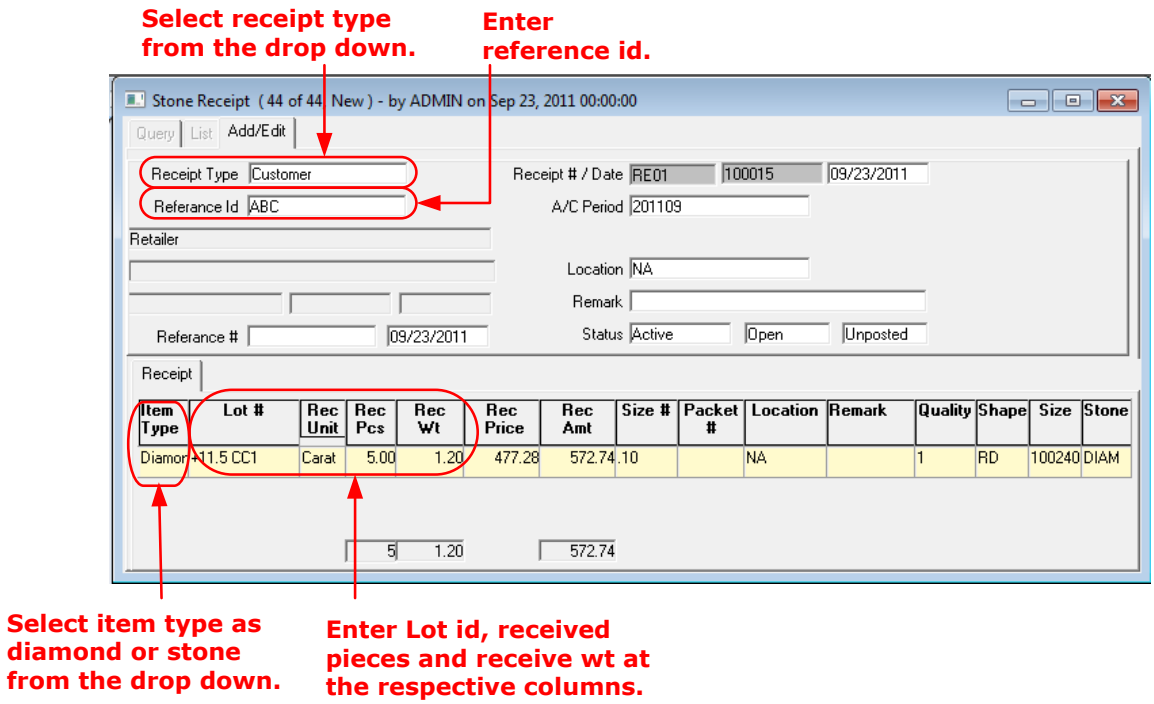

Select rapaport date from the drop down of which price is to be applied.
Enter web discount if to be updated.
Click on update web price button to update web price.
Update Rapaport Price
Filter
Clarity
Color
Shape
From
To
Wt
Reset Filter
Select From Excel
Select All
Rapaport Date 07-05-2010
Update Price
Web Disc
Web Disc 2
Web Disc 3
Update Web Price
Select
Packet #
On Hand
Color
Clarity
Shape
Sizegroup
Wt
Master Rapaport Price
New Rapaport Price
Web Discount
New Web Discount 1
Internet Price
Web Discount2
New Web Discount 2
Web Price2
Web Discount3
New Web Discount 3
10316959 1.00 G VS2 PR 0.46 .00 0
10989867 1.00 D VVS2 RD 0.31 .00 3,200.00 0 3200.00 0 3200.00 0
1109071540 1.00 H SI1 RD 1 0.57 .00 2,300.00 0 2300.00 0 2300.00 0
1109071548 1.00 I SI1 RD 1 0.65 .00 2,000.00 0 2000.00 0 2000.00 0
1109071847 1.00 I SI1 RD 1 0.74 .00 3,100.00 0 3100.00 0 3100.00 0
1109071947 1.00 G SI1 RD 1 0.30 1,700.00 1,600.00 0 1600.00 0 1600.00 0
1109072085 1.00 I SI2 RD 1 0.63 2,000.00 1,800.00 0 1800.00 0 1800.00 0
1109072090 1.00 D SI2 RD 1 0.61 2,900.00 2,700.00 0 2700.00 0 2700.00 0
1109072119 1.00 J VS2 RD 1 0.55 2,200.00 2,000.00 0 2000.00 0 2000.00 0
1109074991 1.00 G VVS2 RD 1 0.33 2,700.00 2,500.00 0 2500.00 0 2500.00 0
1109075001 1.00 J VS2 RD 1 0.65 2,200.00 2,000.00 0 2000.00 0 2000.00 0
1109075610 1.00 F SI2 RD 1 0.61 2,500.00 2,300.00 0 2300.00 0 2300.00 0
1109075663 1.00 I VS2 RD 1 0.60 2,500.00 2,300.00 0 2300.00 0 2300.00 0
1109075723 1.00 I VS1 RD 1 0.60 2,800.00 2,600.00 0 2600.00 0 2600.00 0
Total Rows - 127
Total Inventory Amt Old
355,000.00
Select the packet of which price is to be updated.
On selecting rapaport date, the new price gets displayed.

4 Transactions

This section helps user to understand different transactions available with Diamond & Stone Inventory module and guides at entering values at various transaction screens available.

4.1 Receipt

Receipt is used to record all the purchases that user makes from various vendors and receive all the sales returns. Receipt transaction enables to capture several details while receiving items.
To open receipt window, click on Module → Diamond & Stone Inventory → Transactions → Receipt.



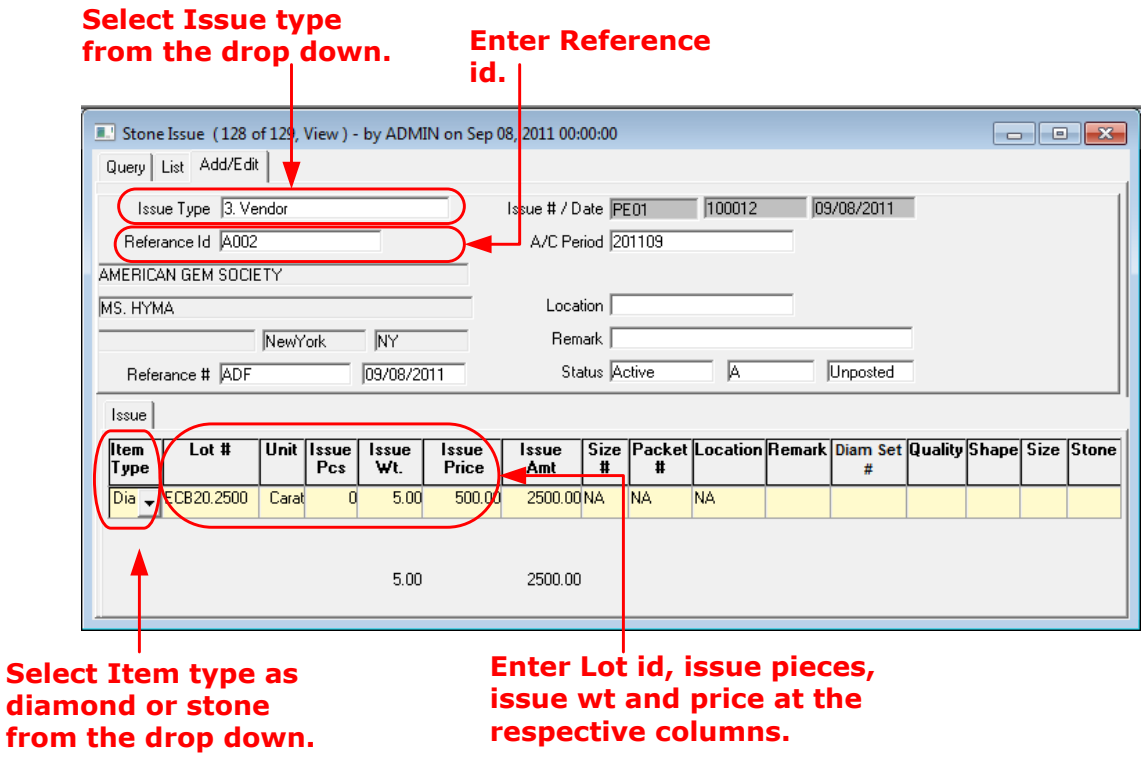
Receipt Type:

- **Opening Balance**: When the application is used for the first time, entry for existing inventory can be made through this option.
- **From Vendor**: It suggests that the goods have been received from a vendor. So it is actually a purchase.
- **From Customer**: It suggests that the goods have been returned from a customer. So it is actually a sales return.
- **Production:** This receipt type is used when diamonds are to be received from the production**.**

4.2 Issue

Issue is used to record all the sales that user makes to various customers and all the purchase returns to vendors. Issue is also used for internal issue of diamond / stone to workbags. There are several details that can be stored in the window for issue of diamonds /stones. An issue transaction can be generated for the diamonds/stones returned to the vendor as the purchase return and for opening balances.
Issue #, date and accounting period are automatically generated.

To open issue screen, click on Module → Diamond & Stone Inventory → Transactions → Issue.

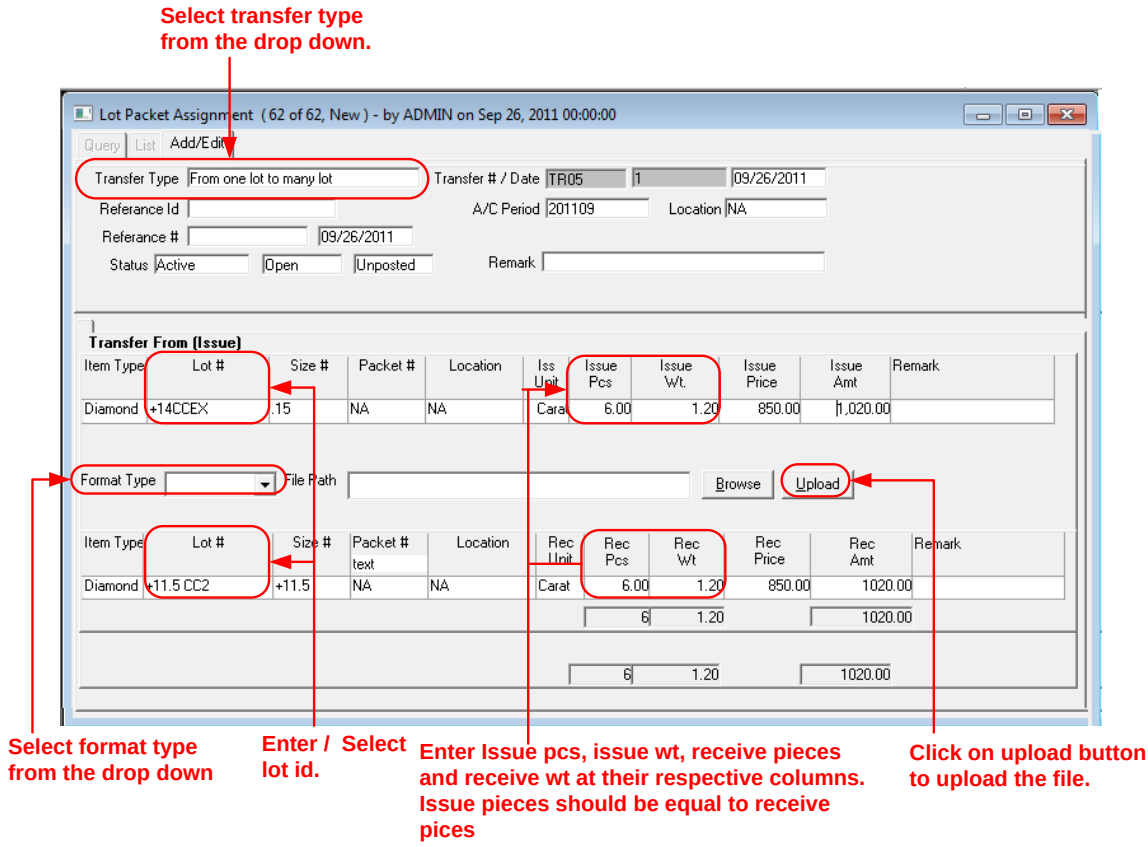


Issue Type

- **To Vendor**: It suggests that the goods have been returned to vendor i.e. purchase returns.
- **To Customer**: It suggests that the goods are sold to customer i.e. sales.
- **Opening Balance**: When the application is used for the first time the entry for existing inventory can be made through this option.
- **Production**: When diamonds are to be issued for the production purpose this issue type is used.

4.3 Lot Packet Assignment

Lot packet assignment is used to record receipt and issue transfers of lot packet.
To navigate to this link, click on Module → Diamond & Stone Inventory → Transactions → Lot Packet Assignment.

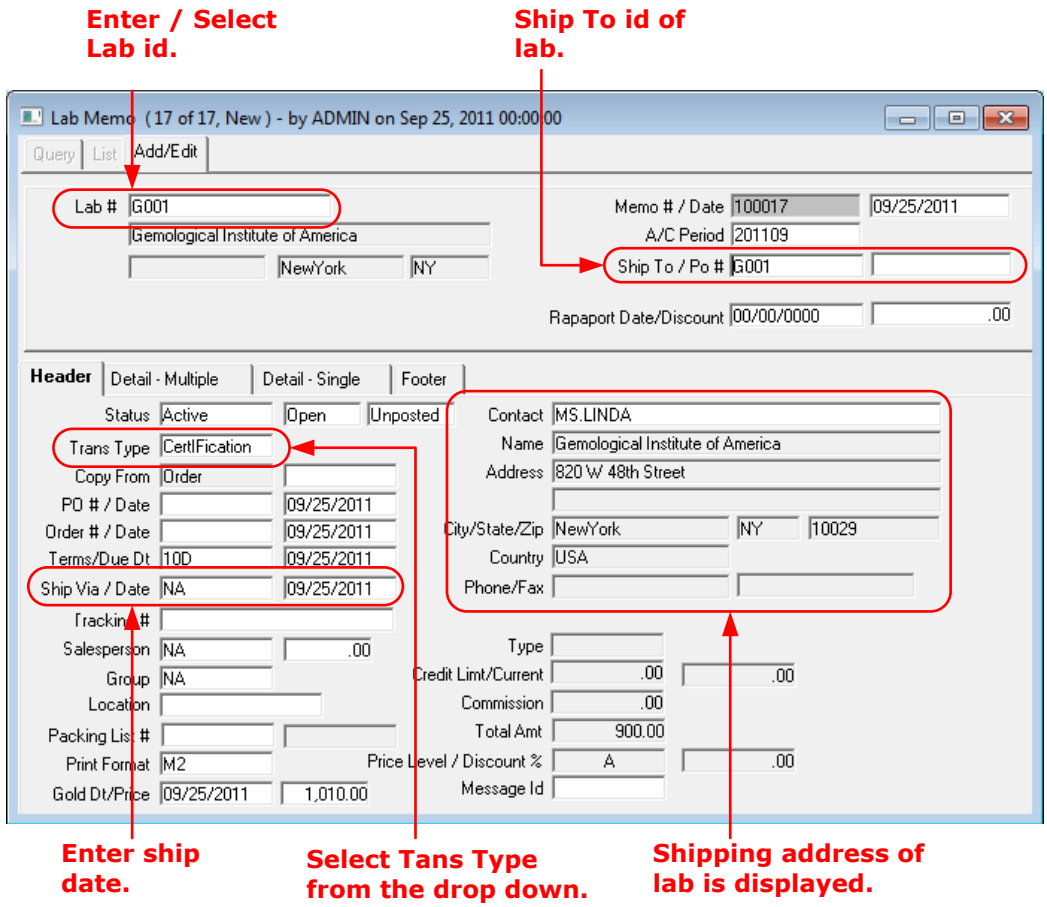


4.4 Memo to Lab

Lab memo is prepared when diamonds / stones are sent for testing/certification at Lab.
To prepare Lab Memo, click on Module → Diamond & Stone Inventory → Transactions → Memo to Lab.

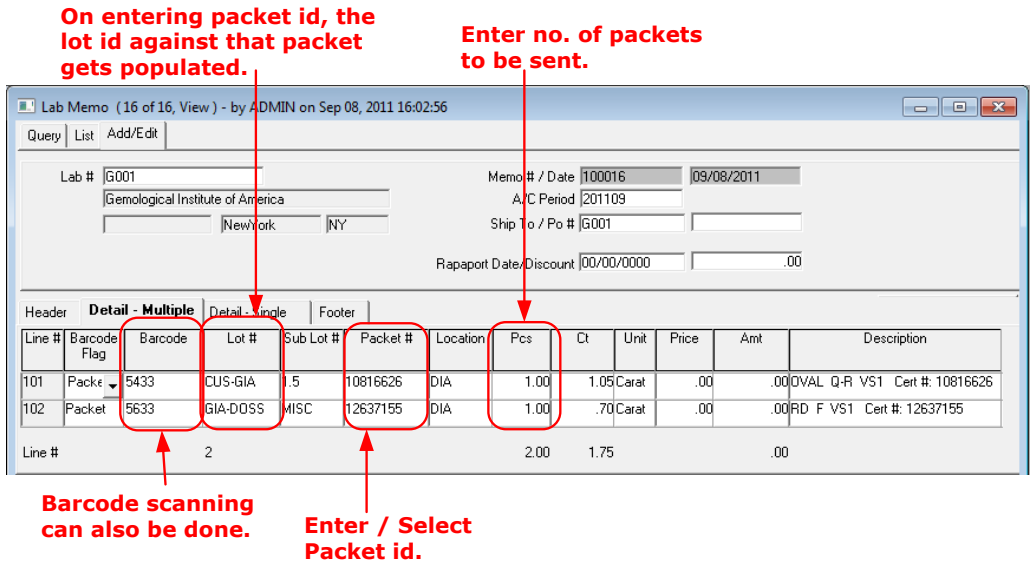
User has to enter values at the following important fields
Header Tab:

1. Trans Type (Certification, Polishing, Recut, Salesperson, Other).
2. Lab#.
3. ShipTo #.
4. Ship Date.



Detail Multiple Tab:

1. Packet #.
2. Lot #.
3. Barcode.
4. Pieces.


On entering packet id, the lot id against that packet gets populated.
Enter no. of packets to be sent.
Lab Memo (16 of 16, View) - by ADMIN on Sep 08, 2011 16:02:56
Query
List
Add/Edit
Lab # G001
Gemological Institute of America
NewYork
NY
Memo # / Date 100016 09/08/2011
A/C Period 201109
Ship To / Po # G001
Rapaport Date/Discount 00/00/0000 .00
Header
Detail - Multiple
Detail - Single
Footer
Line # Barcode Flag Barcode Lot # Sub Lot # Packet # Location Pcs Ct Unit Price Amt Description
101 Packe 5433 CUS-GIA 1.5 10816626 DIA 1.00 1.05 Carat .00 .00 OVAL Q-R VS1 Cert #: 10816626
102 Packet 5633 GIA-DOSS MISC 12637155 DIA 1.00 .70 Carat .00 .00 RD F VS1 Cert #: 12637155
Line # 2 2.00 1.75 .00
Barcode scanning can also be done.
Enter / Select Packet id.

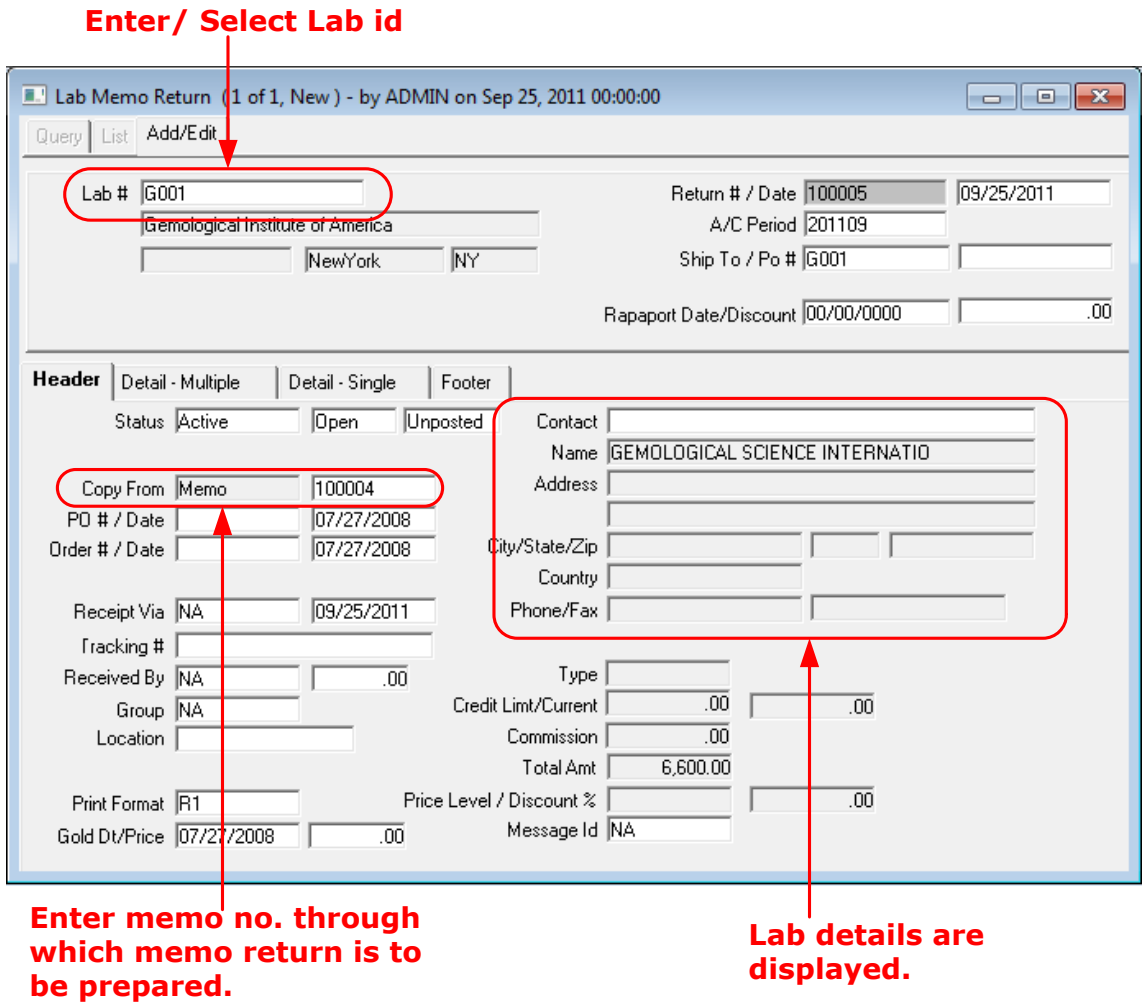
4.5 Return From Lab

When goods sent on memo are returned from lab, lab memo return is prepared.
Lab memo return can be prepared from lab memo directly by entering memo number at Copy From field (Header tab) and copying its all details.

To prepare lab memo return, click on Module → Diamond & Stone Inventory → Transactions → Return from lab.

User has to enter values at the following important fields at the ***Header Tab:***

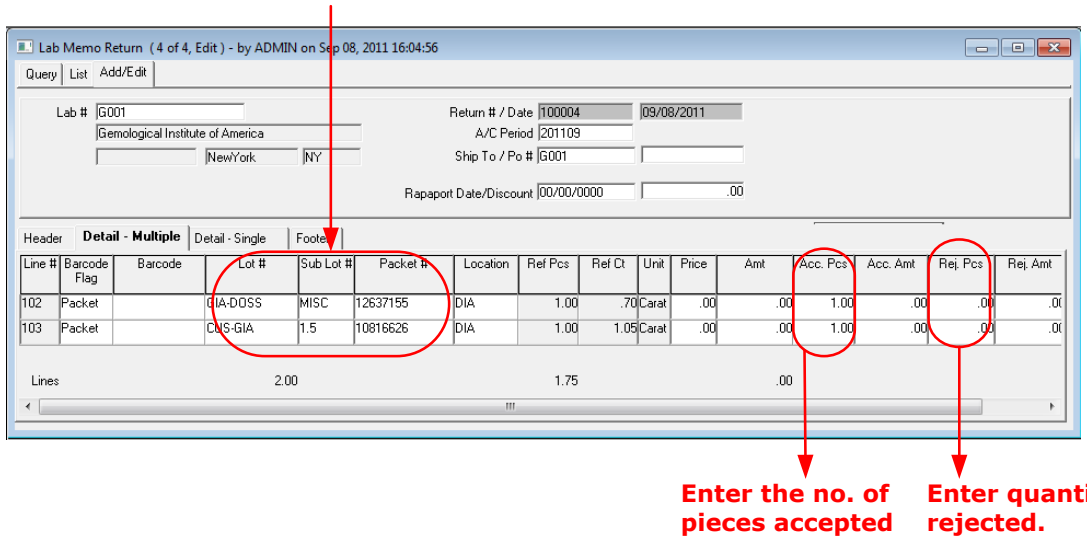
1. Lab #.
2. Copy From



Detail Single tab:

1. Accept pieces
2. Reject Pieces.

On entering the memo no (Header tab) the details get copied.


Lab Memo Return (4 of 4, Edit) - by ADMIN on Sep 08, 2011 16:04:56
Query
List
Add/Edit
Lab # G001
Gemological Institute of America
NewYork
NY
Return # / Date 100004
09/08/2011
A/C Period 201109
Ship To / Po # G001
Rapaport Date/Discount 00/00/0000
.00
Header
Detail - Multiple
Detail - Single
Footer
Line # | Barcode Flag | Barcode | Lot # | Sub Lot # | Packet # | Location | Ref Pcs | Ref Ct | Unit | Price | Amt | Acc. Pcs | Acc. Amt | Rej. Pcs | Rej. Amt
102 | Packet | | DIA-DOSS | MISC | 12637155 | DIA | 1.00 | .70 | Carat | .00 | .00 | 1.00 | .00 | .00 | .0
103 | Packet | | CNS-GIA | 1.5 | 10816626 | DIA | 1.00 | 1.05 | Carat | .00 | .00 | 1.00 | .00 | .00 | .0
Lines 2.00 1.75 .00

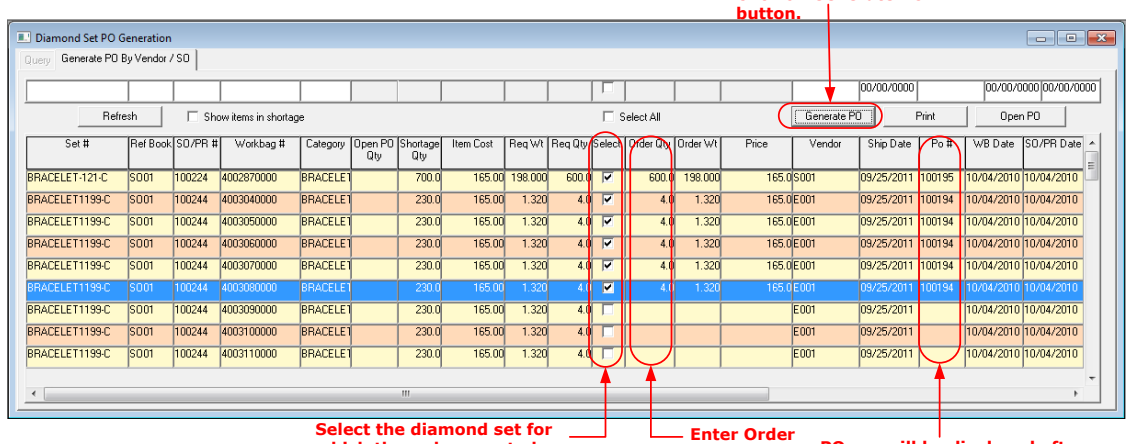
Enter the no. of pieces accepted

Enter quantity rejected.

4.6 Generate Orders

This feature helps user to generate orders for the diamond and diamond sets. A list of the items for which the diamond is required along with their shortage quantity is shown. User can select multiple items for which the purchase orders are to be generated.
To prepare purchase order for raw materials, navigate to Module → Production → Transactions → Generate Orders (Raw Material).

Click on Generate PO button.



Select the diamond set for which the orders are to be generated.

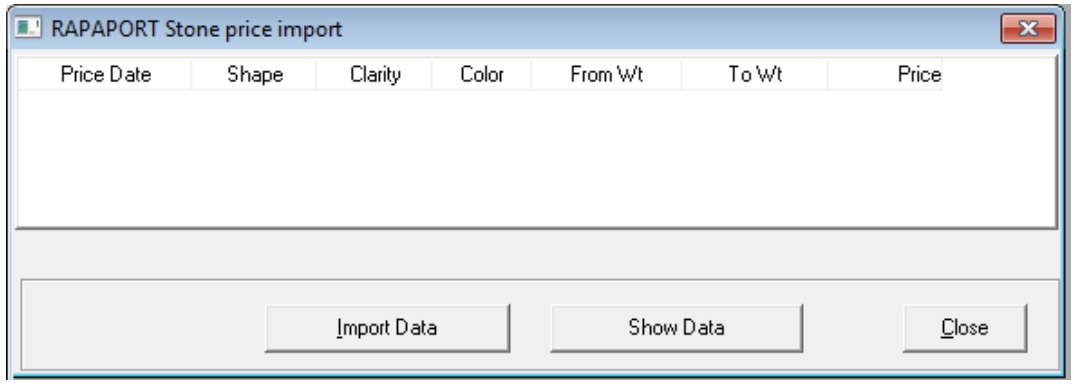
Enter Order quantity.

PO no. will be displayed after purchase order is generated.

Similarly purchase orders can be generated for loose diamonds also.

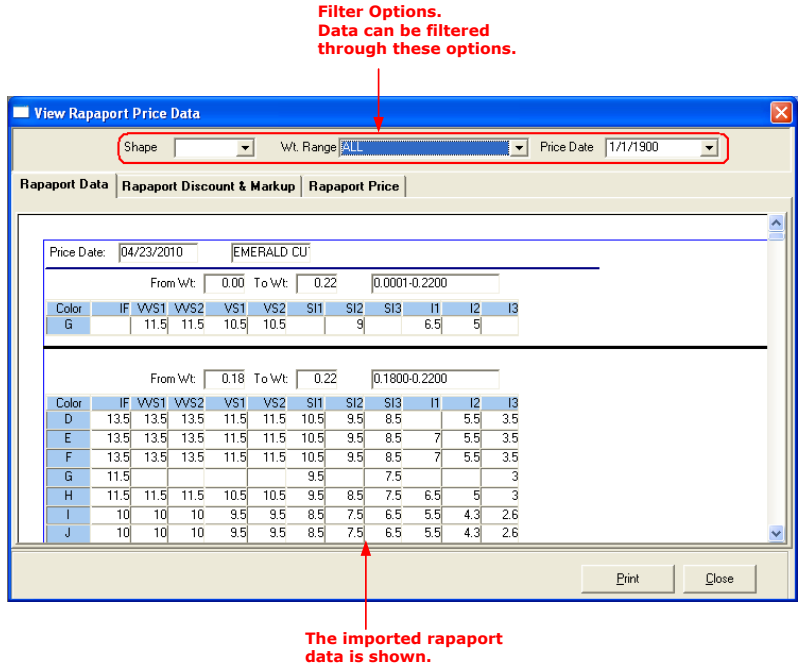
4.7 Import Rapaport Data

This feature helps user to import diamond price from rapaport. User can import the file (.CSV) from rapaport. To import the rapaport data, go to Module→ Style Setup→ Transactions→ Diamond Pricing→ Show Rapaport Data.



4.8 Show Rapaport Data

The rapaport data that has been imported is shown here.
To view the rapaport data, go to Module→ Style Setup→ Transactions→ Diamond Pricing→ Show Rapaport Data.


Filter Options.
Data can be filtered through these options.
View Rapaport Price Data
Shape
Wt. Range ALL
Price Date 1/1/1900
Rapaport Data
Rapaport Discount & Markup
Rapaport Price
Price Date: 04/23/2010 EMERALD CU
From Wt: 0.00 To Wt: 0.22 0.0001-0.2200
Color IF VVS1 VVS2 VS1 VS2 SI1 SI2 SI3 I1 I2 I3
G 11.5 11.5 10.5 10.5 9 6.5 5
From Wt: 0.18 To Wt: 0.22 0.1800-0.2200
Color IF VVS1 VVS2 VS1 VS2 SI1 SI2 SI3 I1 I2 I3
D 13.5 13.5 13.5 11.5 11.5 10.5 9.5 8.5 5.5 3.5
E 13.5 13.5 13.5 11.5 11.5 10.5 9.5 8.5 7 5.5 3.5
F 13.5 13.5 13.5 11.5 11.5 10.5 9.5 8.5 7 5.5 3.5
G 11.5 9.5 7.5 3
H 11.5 11.5 11.5 10.5 10.5 9.5 8.5 7.5 6.5 5 3
I 10 10 10 9.5 9.5 8.5 7.5 6.5 5.5 4.3 2.6
J 10 10 10 9.5 9.5 8.5 7.5 6.5 5.5 4.3 2.6
Print
Close
The imported rapaport data is shown.

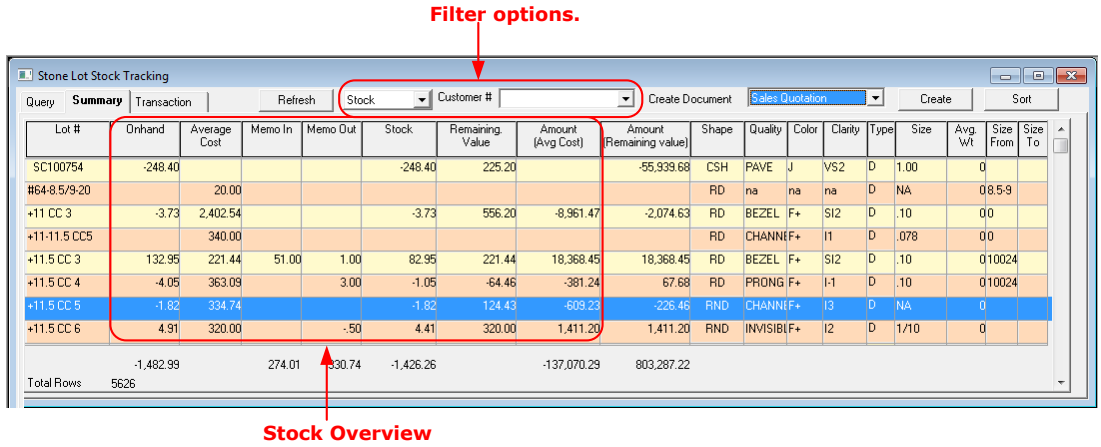
5 View

5.1 Stone Lot Stock

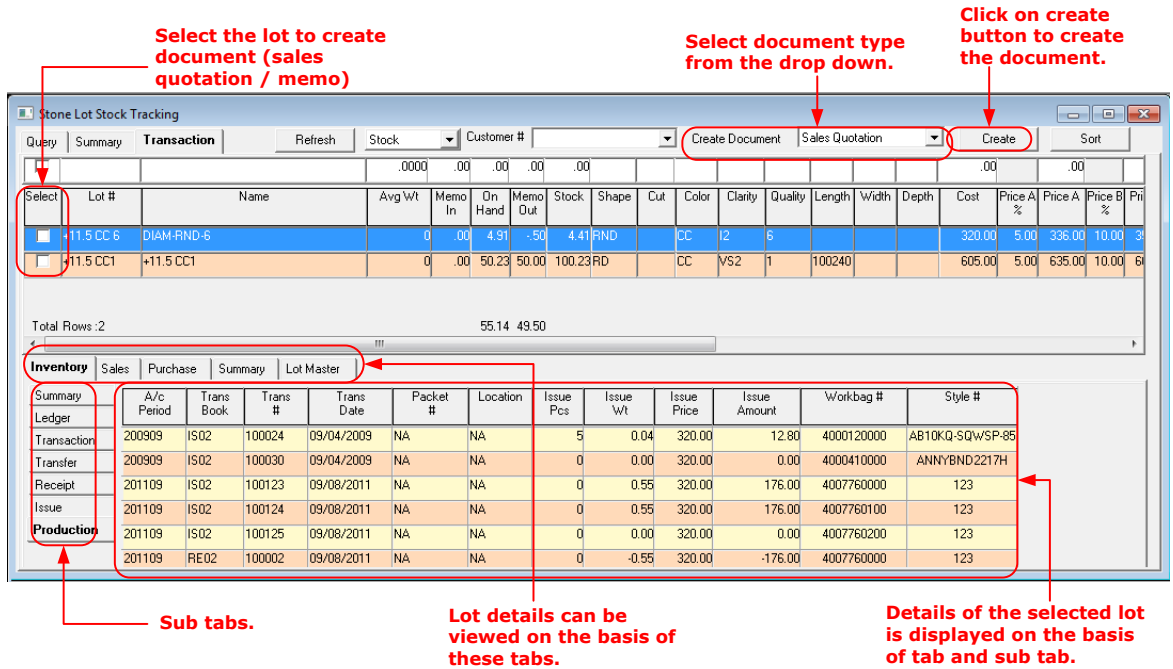
This screen helps user to view stock of the lots. Through this screen user can not only view stock but can also track diamond stages.
You can also create sales quotation and sales memo through the same screen just by selecting the lot and clicking the button.
With the drilldown facility, you can have a detailed view of the lot stage.

This screen consists of the following tabs:

- **Summary:** This tab shows the stock summary consisting of lots' weight/quantity (onhand, memo in, memo out, stock, average cost and total amount).



- **Transaction:** This tab will show the details of only queried lots. Here you can also have transactional overview of the lot i.e. inventory (receipt, transfer, issue, production, stock summary and production), sales (invoice, credit invoice, memo, memo return and quotation), purchase (invoice, credit invoice, memo, memo return, open memo), summary (by book, weighted cost and by accounting period) and Lot master.

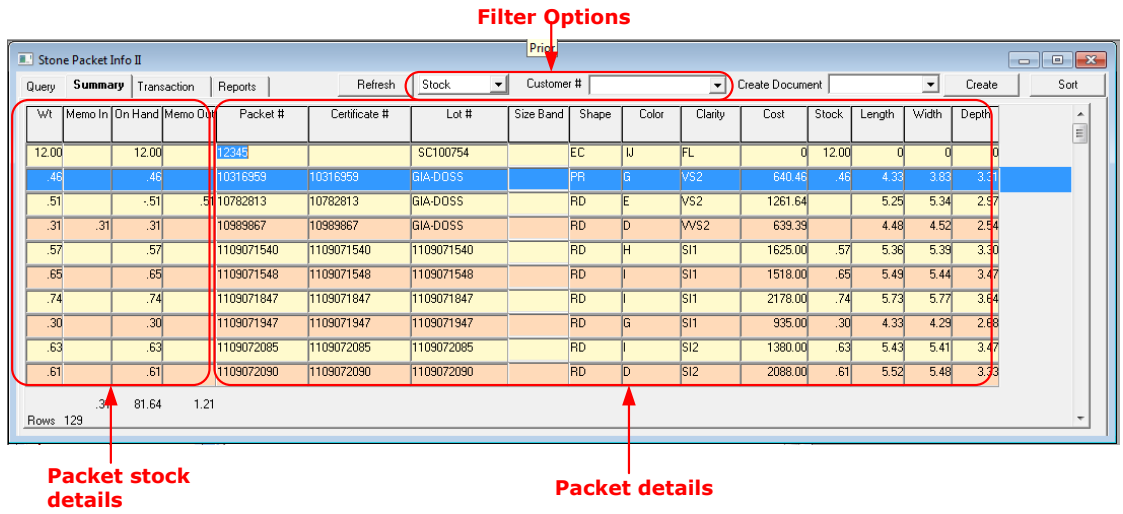

Select the lot to create document (sales quotation / memo)
Select document type from the drop down.
Click on create button to create the document.
Sub tabs.
Lot details can be viewed on the basis of these tabs.
Details of the selected lot is displayed on the basis of tab and sub tab.

5.2 Stone Packet Stock

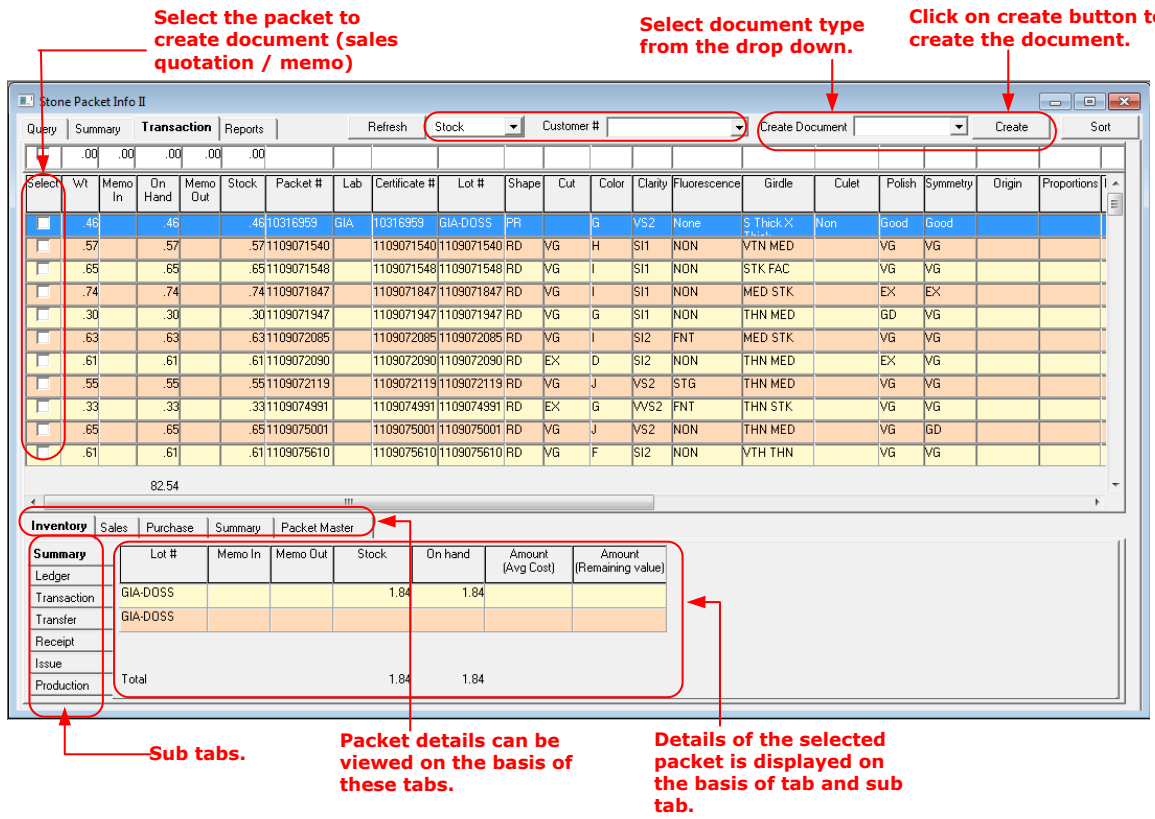
This screen helps user to view packet stock. Through this screen user can not only view stock but can also track packet stages.
You can also create sales quotation and sales memo through the same screen just by selecting the packet and clicking the button.
With the drilldown facility, you can have a detailed view of the packet.

This screen consists of the following tabs:

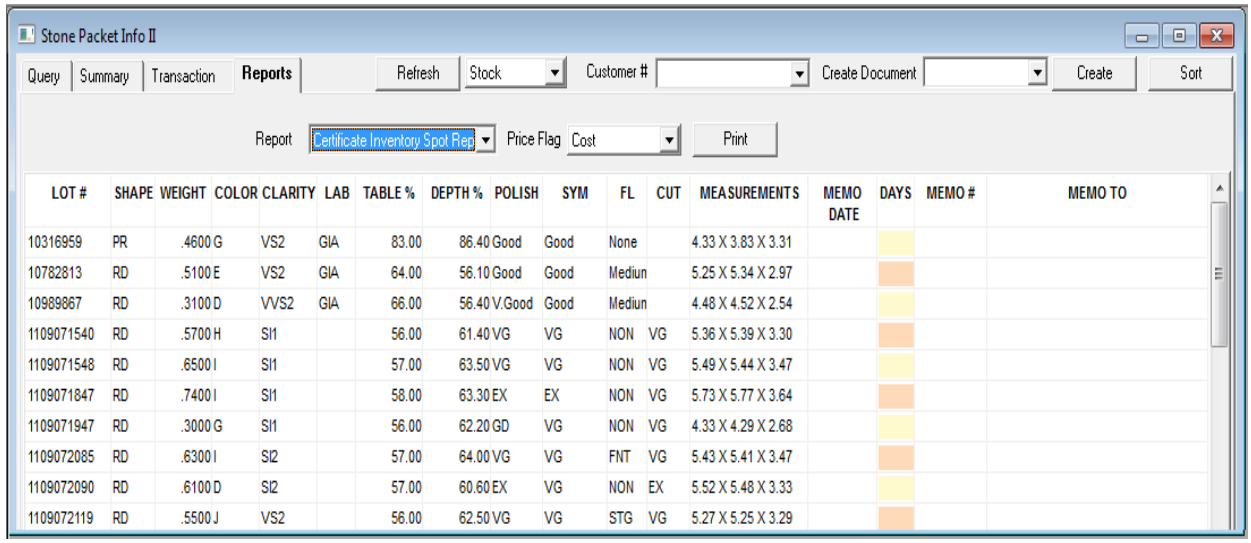
- **Summary:** This tab shows the stock summary consisting of packets' weight/quantity (onhand, memo in, memo out, stock, average cost and total amount).



- **Transaction:** This tab will show the details of only queried packets. Here you can also have transactional overview of the packet i.e. inventory (receipt, transfer, issue, production, stock summary and production), sales (invoice, credit invoice, memo, memo return and quotation), purchase (invoice, credit invoice, memo, memo return, open memo), summary (by book, weighted cost and by accounting period) and packet master.


Select the packet to create document (sales quotation / memo)
Select document type from the drop down.
Click on create button to create the document.
Sub tabs.
Packet details can be viewed on the basis of these tabs.
Details of the selected packet is displayed on the basis of tab and sub tab.

- **Reports:** User can view following reports:
  1. Certificate inventory spot report.
  2. Certificate price report.



LOT #	SHAPE	WEIGHT	COLOR	CLARITY	LAB	TABLE %	DEPTH %	POLISH	SYM	FL	CUT	MEASUREMENTS	MEMO DATE	DAYS	MEMO #	MEMO TO
10316959	PR	.4600	G	VS2	GIA	83.00	86.40	Good	Good	None		4.33 X 3.83 X 3.31				
10782813	RD	.5100	E	VS2	GIA	64.00	56.10	Good	Good	Mediun		5.25 X 5.34 X 2.97				
10989867	RD	.3100	D	VVS2	GIA	66.00	56.40	V.Good	Good	Mediun		4.48 X 4.52 X 2.54				
1109071540	RD	.5700	H	SI1		56.00	61.40	VG	VG	NON	VG	5.36 X 5.39 X 3.30				
1109071548	RD	.6500	I	SI1		57.00	63.50	VG	VG	NON	VG	5.49 X 5.44 X 3.47				
1109071847	RD	.7400	I	SI1		58.00	63.30	EX	EX	NON	VG	5.73 X 5.77 X 3.64				
1109071947	RD	.3000	G	SI1		56.00	62.20	GD	VG	NON	VG	4.33 X 4.29 X 2.68				
1109072085	RD	.6300	I	SI2		57.00	64.00	VG	VG	FNT	VG	5.43 X 5.41 X 3.47				
1109072090	RD	.6100	D	SI2		57.00	60.60	EX	VG	NON	EX	5.52 X 5.48 X 3.33				
1109072119	RD	.5500	J	VS2		56.00	62.50	VG	VG	STG	VG	5.27 X 5.25 X 3.29				